

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Product : LED Driver
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium Dim 100W 0.7A 1-10V 230V I175,
Xitanium Dim 100W 0.7A 1-10V 230V I175C,
Xitanium Dim 100W 1.05A 1-10V 230V I175,
Xitanium Dim 100W 1.05A 1-10V 230V I175C,
Xitanium Dim 150W 0.7A 1-10V 230V I175,
Xitanium Dim 150W 0.7A 1-10V 230V I175C,
Xitanium Dim 150W 1.05A 1-10V 230V I175 and
Xitanium Dim 150W 1.05A 1-10V 230V I175C

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006, EN 62384:2006/A1:2009 and EN 60598-1:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 19 November 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-106392

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium Dim 100W 0.7A 1-10V 230V I175, Xitanium Dim 100W 0.7A 1-10V 230V I175C, Xitanium Dim 100W 1.05A 1-10V 230V I175, Xitanium Dim 100W 1.05A 1-10V 230V I175C, Xitanium Dim 150W 0.7A 1-10V 230V I175, Xitanium Dim 150W 0.7A 1-10V 230V I175C, Xitanium Dim 150W 1.05A 1-10V 230V I175 and Xitanium Dim 150W 1.05A 1-10V 230V I175C
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Rated ambient temperature (ta)	: -40...+55 °C
Max. case temperature (tc)	: 80 °C
Description	: Independent
IP classification	: IP67

Product data – type Xitanium Dim 100W 0.7A 1-10V 230V I175 and Xitanium Dim 100W 0.7A 1-10V 230V I175C

Power factor	: 0,95
Input current	: 0,4-0,56 Aac
Output current	: 0,4-0,56 Aac
Output voltage	: 64-143 Vdc; 220 Vdc (Max. open circuit)

Product data – type Xitanium Dim 100W 1.05A 1-10V 230V I175 and Xitanium Dim 100W 1.05A 1-10V 230V I175C

Power factor	: 0,95
Input current	: 0,4-0,56 Aac
Output current	: 1,05 Adc
Output voltage	: 42-95 Vdc; 170 Vdc (Max. open circuit)

Product data – type Xitanium Dim 150W 0.7A 1-10V 230V I175 and Xitanium Dim 150W 0.7A 1-10V 230V I175C

Power factor	: 0,98
Input current	: 0,6-0,83 Aac
Output current	: 0,7 Adc
Output voltage	: 96-214 Vdc; 320 Vdc (Max. open circuit)

Product data – type Xitanium Dim 150W 1.05A 1-10V 230V I175 and Xitanium Dim 150W 1.05A 1-10V 230V I175C

Power factor	: 0,98
Input current	: 0,6-0,83 Aac
Output current	: 1,05 Adc
Output voltage	: 62-142 Vdc; 220 Vdc (Max. open circuit)

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017

EN 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 604185700.

Additional information

constant current type with supply cable and connector
LED driver is completely potted with PUR
insulation between primary and secondary is considered as basic insulation

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

The list of components is laid down at test report 6041857.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

Hengdian Group Tospo Lighting Co., Ltd.
Hengdian Electronics Industrial Zone
Dongyang City, Jinhua
322118 Zhejiang, China

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road
Economic Technology Development Zone
WuJiang
215200 Suzhou, China